
Item No.	Qty	Description
2	1	<p>O640 NM/CT System - 3/8" EXCEL</p> <p>O640 NM/CT - 3/8" EXCEL Optima NM/CT 640 EXCEL is a general-purpose high performance hybrid SPECT imaging system. It combines integrated nuclear imaging sub-system featuring a free-geometry slim gantry, advanced all-digital Elite NXT detectors with 3/8" detectors , cantilevered patient table and powerful acquisition station, with a dedicated low-dose high resolution CT imaging sub-system designed for attenuation correction of SPECT and anatomic localization of radiotracer uptake in the body. Including: 2 x Slim-All-Digital NM Elite™ NXT detectors with the following key features :</p> <ul style="list-style-type: none">o 3/8" crystal thicknesso 59 high quantum efficiency PMT's, each PMT coupled with one

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	<p data-bbox="488 405 537 432">ADC</p> <ul style="list-style-type: none"> <li data-bbox="488 443 870 541">o Extra large, rectangular UFOV with uncut corners: 540 mm x 400 mm (21.25 Inches x 15.75 Inches) <li data-bbox="488 583 889 653">o Shielded for 40-620 keV energy range <li data-bbox="488 659 898 758">o Contoured detector housing for optimal cardiac and brain SPECT imaging <p data-bbox="488 806 906 1230">· 1 x Free-geometry 70 cm bore gantry, featuring real-time automatic body contoured scanning in both 180D and 90D detectors orientations for high efficiency SPECT and WB scans. The gantry features also upright and horizontal detector orientations for maximum clinical versatility and ultra-fast, simultaneous multi-axes motion which provides fast setup with the following key features:</p> <ul style="list-style-type: none"> <li data-bbox="488 1241 873 1409">o Externally mounted detectors, with flexible positioning for all Major clinical studies, including stretcher, standing and seated Patients <li data-bbox="488 1419 883 1518">o Automatic, application-specific home positioning for table and detectors <li data-bbox="488 1528 808 1556">o Real-time status display <li data-bbox="488 1566 898 1665">o Intuitive, icon-based 20 function handset accessible from either side of the gantry <li data-bbox="488 1675 878 1810">o Real-time, infrared automatic body contouring system too safely minimize detector-to-patient distance in whole body, 90 degree

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		<p>SPECT and 180 degree SPECT</p> <ul style="list-style-type: none"> o Fast, semi-automatic dual collimator exchange <ul style="list-style-type: none"> · 1 x Dual-axis premium ergonomic patient imaging table with low-attenuation carbon fiber table-top with the following key features : <ul style="list-style-type: none"> o Fast, manually controlled emergency patient egress o Telescopic transporter ensuring accurate CT-SPECT registration o Easy patient handling, comfortable tabletop o Obstruction-free floor installation enables table pivot to 45 or 60 degree angles o Automatic home positioning for common imaging procedures o Optional integrated EKG <p>1 x user-friendly Hybrid SPECT/CT acquisition station.</p> <p>The integrated SPECT-CT acquisition console employs a Graphic User Interface for exam scheduling, scan acquisition, CT reconstruction and scan QC as well as utilities for protocol editing and routine quality control and analysis.</p> <ul style="list-style-type: none"> · 1 integrated low-dose CT with 4 slice functionality, inherently SPECT-registered CT Transmission attenuation correction and localization with the following key features:

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		<ul style="list-style-type: none"> o Tube: GE MX135CT o Tube anode Heat Storage capacity: 2.0 MHU o Generator: GE Gedi 42 AC, 4.2 kW o Clinical operation tube current: 10-30 mA. o Scan Times: 1 or 2 sec per rotation o Pitch factors: 0.75:1, 1.25:1,1.75:1 o Detector type: Ceramic - gadolinium oxysulfide (Gd2O2S) o Number of slices: 4 Slice thickness: 2.5 mm
3	1	<p>GE NM 600 Series LEHR Collimators (2) with Cart</p> <p>NM 600 LEHR Collimators with Cart NM 600 Low Energy High Resolution Collimators</p> <p>Includes:</p> <ul style="list-style-type: none"> o Two LEHR Collimators o Collimators Mounted on a Dedicated Collimator Cart
4	1	<p>GE NM 600 Series MEGP Collimators (2) with Cart</p> <p>NM 600 MEGP Collimators with Cart NM 600 Medium Energy General Purpose Collimators</p> <p>Includes:</p> <ul style="list-style-type: none"> o Two MEGP Collimators o Collimators Mounted on a Dedicated Collimator Cart
5	1	<p>GE NM 600 Series HEGP Collimators (2) with Cart</p>

Item No.	Qty	Description
6	1	<p>NM 600 High Energy General Purpose Collimators</p> <p>Includes:</p> <ul style="list-style-type: none"> - Two HEGP Collimators <p>Collimators Mounted on a Dedicated Collimator Cart</p>
6	1	<p>GE NM 600 Series PINHOLE Collimator (1) W/CART</p> <p>A set of 1 pinhole collimator with 3 inserts with collimator cart for NM 600</p>
7	1	<p>NM600 PINHOLE BILATERAL</p> <p>The Bilateral Pinhole Motion enhancement option enables NM600 Series cameras to perform pinhole collimated imaging of both sides of a patient on the imaging table without moving the patient in procedures such as imaging of bilateral hips anteriorly or bilateral kidneys posteriorly.</p>
8	1	<p>630 & B615 QC Point Source Holder</p> <p>An L-shaped metal plate attachable to the wall with an opening for a syringe in order to acquire point source-based flood acquisition at a few meters distance from vertically positioned detector for QA purposes.</p>
9	1	<p>630 & B615 QC Flood Source Holder</p>

Item No.	Qty	Description
		<p>Kit</p> <p>Quality Control Flood Source Holder Kit</p> <p>A large plate mounted at a small distance above the NM detector on which the flood source is positioned in order to perform acquisition of flood studies for QA/QC purposes.</p>
10	1	<p>QA COR Source Holder</p> <p>Center of rotation source holder for Quality assurance , easily attached to Infinia or Ventri table.</p>
11	1	<p>NM 600 SERIES BARPHANTOM</p> <p>bar phantom for spatial resolution and linearity tests of gamma cameras. The phantom consists of four quadrants with different bar specification:</p> <p>For each of the quadrant, bar spacing is 2.5mm, 3.2mm, 3.5mm & 4.0mm.</p>
12	1	<p>STRAPS AND PAD KIT</p> <p>Long table pad and straps</p>
13	1	<p>Axial Head Holder</p> <p>AXIAL HEAD HOLDER</p> <p>The Axial Head holder is ergonomically designed to position patient's head outside of the patient tabletop pallet , enabling</p>

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14	1	<p>brain SPECT orbiting as close as possible to the patient's skull with maximal coverage of the target tissue</p>
14	1	<p>NM600 TOUCH RULER NM 600 Touch Ruler An interactive touch-sensitive device mounted at one side of the patient table, used to define nuclear imaging scan range (start and stop points), saving the need to enter these values manually from the operator console</p>
15	1	<p>PALLET EXTENDER NM 600 Series Patient Pallet Extender The patient pallet extender for NM 600 Series products can be used to extend the table top for multi-FOV SPECT, SPECT/CT and whole body studies. Length is 600mm; Width is 391mm; 300mm extension Note - The use of the extender requires more space between the camera and the back wall of the scan room. Consult with GE Healthcare project manager for minimum room size requirements.</p>
16	1	<p>NM600 OPTIONAL FLAT FLOOR</p>

Item No.	Qty	Description
17	1	<p>A streamlined floor plate designed to facilitate collimator exchange on the NM 600 series cameras to aid hospital bed and stretcher imaging.</p>
17	1	<p>O640 INTERCOM</p> <p>An intercom positioned at the Optioma NM/CT 640 scan room enabling vocal communication between the operator and the patient while the operator is positioned at the system operator console.</p>
18	1	<p>CT Service Cabinet</p> <p>Service cabinet for system accessories storage</p>
19	1	<p>NM600 DETECTORS DISMOUNT</p> <p>NM600 DETECTORS DISMOUNT</p> <p>An option enabling transportation and mobilization of the NM600 series gantry separated from the detectors for easier load in elevators or easier access through restricted paths such as narrow hallways or doorways</p>
20	1	<p>Evolution for Bone SPECT Camera License</p> <p>EfB SPECT CAMERA LICENSE</p> <p>Enables Camera capability to provide data for</p> <p>Evolution for Bone (EfB). EfB provides Evolution Resolution Recovery reconstruction on</p> <p>SPECT bone scans. The EfB application may be utilized to provide equivalent image</p>

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21	1	<p>quality on half-dose or half-time bone scans.</p> <p>EfB PLANAR CAMERA LICENSE</p> <p>EfB PLANAR CAMERA LICENSE</p> <p>Enables Camera capability to provide data for Evolution for Planar Bone (EfPB). EfPB provides adaptive Structure Matching non-Local filtering on planar bone scans. The EfPB application may be utilized to provide equivalent image quality on half-dose or half-time bone scans.</p>
22	1	<p>Evolution for Cardiac Camera License</p> <p>EfC SPECT CAMERA LICENSE</p> <p>Enables Camera capability to provide data for Evolution for Cardiac (EfC). EfC provides Evolution Resolution Recovery reconstruction on SPECT Myocardial Perfusion Imaging (MPI) scans. The EfC application may be utilized to provide equivalent image quality on half-dose or half-time MPI scans.</p>
23	1	<p>EVOLUTION TOOLKIT Camera License</p>

Item No.	Qty	Description
		<p>EVOLUTION TOOLKIT CAMERA LICENSE</p> <p>Enables Camera capability to provide data for Evolution Toolkit. The Evolution Toolkit provides Evolution Resolution Recovery reconstruction on SPECT scans resulting in improved resolution and contrast. The Evolution Toolkit application may be utilized with included statistical re-sampling tools to determine optimal dose or time reduction on SPECT studies. Evolution Toolkit supports Tl201, Tc99m, I-123, Ga67, In111, & I-131 isotopes.</p>
24	1	<p>Q.METRIX CAMERA LICENSE</p> <p>Q.Metrix enables employment of SPECT and CT segmentation tools for quantifying radiopharmaceutical uptake using patient demographics information.</p>
25	1	<p>6 KVA UPS for Nuclear Medicine</p> <p>6 KVA UPS for Nuclear Medicine</p> <p>FEATURES/BENEFITS</p> <ul style="list-style-type: none"> <li data-bbox="508 1724 906 1822">• The use of uninterruptible power enables the system imaging to be completed after

Item Qty
No.

Description

the loss of supply power, and allows for saving of valuable data and orderly system shutdown

- The Online Double Conversion UPS eliminates all power anomalies such as noise, transients, overvoltage and undervoltage, which could damage the imaging system's sensitive computer components
- Improves imaging system reliability, reduces service costs, and increases system uptime
- Cell Saver Technology provides conditioned power even during severe brownout conditions without depleting battery resources
- System monitoring via: LanSafe III / FailSafe III software, (2) RS-232 Ports
- PowerPass Module further enhances reliability through Maintenance Bypass Switch which performs maintenance or upgrade your UPS without powering down your critical systems

SPECIFICATIONS

- Dimensions (H x W x D): 33.6" x 9.9" x 15.8"
- Weight: 218 lbs.
- Input Voltage: 200 - 240 VAC
- Output Voltage: 120/240, 120/208 VAC

Item No.	Qty	Description
		<ul style="list-style-type: none"> Frequency: 45-65 Hz <p>COMPATIBILITY</p> <ul style="list-style-type: none"> Maxxus NM <p>NOTES:</p> <ul style="list-style-type: none"> Customer is responsible for rigging and arranging for installation with a certified electrician ITEM IS NON-RETURNABLE AND NON-REFUNDABLE
26	1	<p>Main Disconnect Panel for GE 640 NM-CT System</p> <p>Main Disconnect Panel for GE 640 NM-CT System</p>
27	1	<p>O640 FIXTURES 4 UPS 480V</p> <p>A set of cables designed to support the connection of the system to a 480V UPS for O640 power regulation purposes.</p>
28	1	<p>Butterfly Armrest</p> <p>Butterfly (R-Made) Armrest</p> <p>Designed to support a patient's arms during cardiac SPECT and other imaging procedures. Armrest offers new solution to motion artifact caused by the discomfort and pain of prolonged upper extremity hyperextension and abduction. Fast and easy to use, can be mounted and removed in one piece. and is tightly secured by adjustable mounting straps. Polyethylene construction is durable,</p>

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29	1	<p>nonbreakable, and easily learned. Measures 18 in. L x 14 in. W x 8 in. H; weighs 2.5 lb. Recommended for use with GE Optima Systems. Warranty Code H</p>
		<p>Patient Arm Support System for Nuclear, PET/CT, MRI</p> <p>Patient Arm Support for NM, PET/CT, MR</p> <p>Padded Arm Rest combines total arm support and passive restraint, increasing patient comfort during extended procedures. Designed to accommodate virtually all patients. Compatible with most Nuclear Imaging systems and can also be used in MRI, CT and PET applications. Constructed with a comfortable, full support polyfoam with a seamless coated finish. Warranty Code: H</p>
30	1	<p>Patient Leg Rest for Nuclear, PET/CT, MRI</p> <p>Patient Leg Rest for Nuclear, PET/CT, MRI</p> <p>Contoured Leg Rest prevents low back stress and pain that occurs during supine imaging and treatment, measures 7 in. H x 17 in. D x 13 in. W. Designed to accommodate virtually all patients. Compatible with most Nuclear Imaging systems and can also be used in MRI, CT and PET applications. Constructed with a comfortable, full support polyfoam with a seamless coated finish. Warranty Code: H</p>

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31	1	48" Wide Workstation Table with Adjustable Work Surfaces
		48" Wide Workstation Table with Adjustable Work Surfaces
		FEATURES/BENEFITS
		<ul style="list-style-type: none"> • Ergonomic, height adjustable work surface is large enough to accommodate two monitors • Tilt, height adjustable and retractable keyboard tray with room on the side for a mouse • Single, adjustable shelf located underneath work surface accommodates CPU, printer or other similar equipment
		SPECIFICATIONS
		<ul style="list-style-type: none"> • Overall Dimensions (H x W x D): 30" x 48" x 36" • Work Surface Dimensions: 48" W x 36" D • Shelf Dimensions: 48" W x 16" D • Shipping Weight: 225 lbs. • Unit Includes: Workstation/monitor surface, pull out keyboard tray, and one lower shelf • Work surface and shelf made of particle board core top with high pressure laminate finish
32	1	Ivy 7600 Cardiac Trigger Monitor Kit - No Recorder, Americas Labeling. For GEHC Nuclear Med.
		The Model 7600 is Ivy Biomedical's fifth generation

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		<p>of cardiac trigger monitors intended primarily for use on patients in applications requiring precision R-wave synchronization. Incorporating a simple, easy to use touchscreen interface, the 7600 displays two simultaneous ECG vectors along with the patient's heart rate.</p> <p>The Trigger ECG vector (top waveform) can be selected from Leads I, II III or Auto Lead Select. The Second ECG vector (bottom waveform) can be selected from Leads I, II or III. If required, High and Low heart rate alarm limits can be adjusted to bracket the patient's heart rate so that a violation of these limits produces an audible and visual indication of the alarm.</p> <p>Includes roll stand</p>
33	1	<p>Standard Service License</p> <p>GE Healthcare has reclassified its service tools, diagnostics and documentation into various classes (please refer to the Service Licensing Notification statement at the beginning of this Quotation). The Standard License provides access to service tools used to perform basic level service on the Equipment and is</p>

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34	1	<p data-bbox="488 405 812 470">included at no charge for the warranty period.</p> <p data-bbox="488 506 737 529">Xeleris 4 Workstation</p> <p data-bbox="488 558 792 581">X4.0 Workstation SPECT-CT</p> <p data-bbox="488 611 878 747">Xeleris* 4.0 SPECT/CT functional imaging workstation is a Nuclear Medicine, PET, NM/CT, and PET/CT</p> <p data-bbox="488 770 850 835">processing, analysis, and review system.</p> <p data-bbox="488 848 899 913">Designed with productivity in mind, it can</p> <p data-bbox="488 926 889 991">accelerate workflow and provides a powerful</p> <p data-bbox="488 1003 906 1068">clinical diagnostic tool to the medical imaging</p> <p data-bbox="488 1081 630 1104">community.</p> <p data-bbox="488 1129 862 1194">Combining streamlined workflow with a</p> <p data-bbox="488 1207 873 1272">comprehensive clinical library and extensive</p> <p data-bbox="488 1285 808 1350">networking capabilities on a functional imaging</p> <p data-bbox="488 1362 846 1428">workstation, Xeleris 4.0 is at the nucleus of</p> <p data-bbox="488 1440 873 1505">productivity in the clinical imaging department.</p> <p data-bbox="488 1518 850 1583">Utilizing the GE Healthcare-wide graphical user</p> <p data-bbox="488 1596 781 1661">interface, Xeleris 4.0 is the processing and</p> <p data-bbox="488 1673 873 1738">review platform of the Discovery*, Optima* and</p> <p data-bbox="488 1751 899 1774">Brivo* NM and NM/CT series, Infinia*</p>

Item No.	Qty	Description
35	1	<p>Hawkeye* 4, Ventri, Discovery PET/CT 600 series, and all other molecular imaging cameras in GE Healthcare's current offering. Xeleris 4.0 provides the automated processing and connectivity necessary in today's demanding environment. Xeleris 4.0 SPECT/CT includes Motion detection & correction software, is Evolution*-ready with the capability to process studies acquired with Evolution GE cameras, and Volumetrix IR & 3D for SPECT/CT and fused image review.</p> <p>Q.Metrix License</p> <p>A package enabling quantitative SPECT results in the form of MBq/ml and SPECT SUV (Standard Uptake Value). The Q.Metrix application utilizes advanced Evolution reconstruction with compensation for Attenuation, Resolution and Scatter. Patient demographics and dose information are incorporated to provide accurate quantitative results. Quantitative SPECT results are further enhanced with advance segmentation tools providing 2D and 3D organ and lesion characterization. Q.Metrix supports data from Discovery NM/CT 670 and Optima NM/CT 640 using the following isotopes: 99mTc, 201Tl, 111In, 123I,</p>

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36	1	<p>131I, and 67Ga and collimators: LEHR, MEGP, HEGP, ELEGP</p> <p>X3.1/X4 CEDARS SUITE 1st and 2nd Cedars Sinai Cardiac Packages. A comprehensive set of nuclear cardiology protocols for advanced cardiac analysis, including:</p> <ul style="list-style-type: none"> o Cedars Sinai Quantitative Perfusion SPECT o Automatic 3-Dimensional software approach to quantitative Perfusion SPECT. o Cedars Sinai Quantitative Gated SPECT o An application calculating the ejection fraction of the left ventricle and a 3D surface display is generated. o Cedars Sinai Companion o Optional module for QGS and QPS applications features <ul style="list-style-type: none"> - 17 segment scores and templates in QPS - Diastolic filling parameters in QGS - Eccentricity ratio in QGS
37	1	<p>DATQUANT LICENSE</p> <p>DaTQUANT application allows visual evaluation and quantification of loflupane (123I) images. DaTQUANT advanced quantification</p>

Item Qty No.	Description
	<p>may provide additional information that would not be revealed by visual reading alone.</p> <p>DaTQUANT includes: <UL LEVEL='FIRST'><LI LEVEL='FIRST'>Automated non-rigid registration with predefined Ioflupane (123I) template followed by manual adjustment and confirmation <UL LEVEL='FIRST'><LI LEVEL='FIRST'>Fast Ioflupane (123I) SPECT image quantitative analysis: computation of uptake values in the striatum, striatal binding ratios, putamen/caudate ratios, and left/right asymmetry <UL LEVEL='FIRST'><LI LEVEL='FIRST'>Repeatable and more accurate analysis <UL LEVEL='FIRST'><LI LEVEL='FIRST'>Easy and consistent reporting (PDF format) for referring physicians</p> <p>Note: DaTQUANT is available for sale only for countries where Ioflupane (I123) pharmaceutical is approved for use.</p>
38 1	<p>8 Days Onsite plus 10 Hours TVA</p> <p>8 Days Onsite plus 10 Hours TVA</p> <p>Eight days onsite delivered in 3 visits, one 4 day, and two 2 day plus 10 hours TVA training for NM Camera System and Workstation.</p> <p>Onsite training is delivered Monday through Friday between 8AM and</p>

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39	1	<p>5PM. T&L expenses are included. This training program must be scheduled and completed within 36 months after the date of product delivery.</p> <p>4 Days NM TiP Onsite Training</p> <p>4 Days NM TiP Onsite Training</p> <p>Four Days NM Onsite Training provided from 8AM to 5PM, Monday through Friday. Includes T&L expenses. Days provided consecutively.</p> <p>This training program must be scheduled and completed within 12 months after the date of product delivery.</p>
40	1	<p style="text-align: center;">ucts</p> <p>Special rigging for trade in removal valued at 3K</p>
41	1	<p>Mavig Mobile Height-Adjustable Lead Acrylic Shield</p> <p>Mavig Mobile Height-Adjustable Lead Acrylic Shield, 32 in. W x 45-75 in H. 0.5 mm lead equivalent . . .H</p> <p>Warranty Period-6 months-Exchange of non conforming products, which are returned to GE during warranty period Note: Installation, parts, application training and on-site service is the buyer's responsibility</p>
<p>Siemens Symbia S Trade in, ID #1418</p>		

Options

Item No.	Qty	Description
42	2	<p>TiP HQ Class NM Workstation - Tuition Only</p> <p>TiP HQ Class NM Workstation - Tuition Only</p> <p>3.5 day TiP NM Workstation course held in the Milwaukee area. Does not include travel or living expenses.</p> <p>This course will prepare the technologists and Physicians for performing the daily workstation operations.</p> <p>This training program must be scheduled and completed within 12 months after the date of product delivery.</p>